

**A. CLASSIFICATION OF SUBJECT MATTER**  
**IPC 7 H04Q7/32**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
**IPC 7 H04Q H04L**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

**EPO-Internal**

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 130 869 A (SONY INTERNAT EUROP GMBH) 5 September 2001 (2001-09-05) abstract ---	1-20
A	WO 02 17075 A (SYMBIAN LTD ; RANDALL STEPHEN (GB); FORSYTH JOHN MATTHEW (GB)) 28 February 2002 (2002-02-28) page 24, line 19 - line 22 page 27, line 3 - line 6 page 28, line 23 - line 26 page 30, line 14 -page 31, line 3 abstract ---	1-20
E	US 2002/198008 A1 (COUTS JEFFREY DAVID ET AL) 26 December 2002 (2002-12-26) paragraph [0012] - paragraph [0013] abstract -----	1-20



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

**\* Special categories of cited documents :**

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

15 August 2003

11.09.2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.  
Fax: (+31-70) 340-3016

Authorized officer

ELISABET ÅSELIUS/JA A

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

**PCT/EP 02/14646**

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
EP 1130869	A 05-09-2001	EP 1130869 A1		05-09-2001
		CN 1317756 A		17-10-2001
		JP 2001344200 A		14-12-2001
		US 2001025280 A1		27-09-2001
WO 0217075	A 28-02-2002	WO 0217075 A2		28-02-2002
		WO 0217652 A2		28-02-2002
		GB 2371382 A		24-07-2002
		GB 2371178 A ,B		17-07-2002
US 2002198008	A1 26-12-2002	WO 03001718 A2		03-01-2003